



NOV 27 2000

TECH CENTER 1600/2900

1638

RAW SEQUENCE LISTING DATE: 11/07/2000 PATENT APPLICATION: US/08/945,144A TIME: 11:38:40

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        Sailland, Alain
         Freyssinet, Georges
 8 <120> TITLE OF INVENTION: Mutated 5-Enol Pyruvylshikimate-3-Phosphate Synthase,
         Gene Coding for Said Protein and Transformed Plants
10
         Containing Said Gene
12 <130> FILE REFERENCE: 5500-13
14 <140> CURRENT APPLICATION NUMBER: 08/945,144A
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15 <141> CURRENT FILING DATE: 1998-01-20
17 <150> PRIOR APPLICATION NUMBER: PCT/FR96/01125
18 <151> PRIOR FILING DATE: 1996-07-18
20 <150> PRIOR APPLICATION NUMBER: FRANCE 95/08979
21 <151> PRIOR FILING DATE: 1995-07-19
23 <160> NUMBER OF SEC ID NOS: 15
25 <170> SOFTWARE: PatentIn Ver. 2.0
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108 110 cta ctc g 111 Leu Leu A 112							146
114 aac agt g 115 Asn Ser G 116	ag gat gtc		atg ctc			ict ctt ggt	194
118 etc tet g 119 Leu Ser V 120 65				_			242
122 tgt ggt g 123 Cys Gly G 124 80							290
126 ttc ttg g 127 Phe Leu G 128	ly Asn Ala 100	Gly Thr /	Ala Met	Arg Pro 105	Leu Thr A	ila Ala Val 110	338
130 act get g 131 Thr Ala A 132	la Gly Gly . 115	Asn Ala T	Thr Tyr 120	Val Leu	Asp Gly V	al Pro Arg .25	386
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138 ggt gca g 139 Gly Ala A 140 145		-		-	-		482
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188					340					345					350		
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	-	Asp	Asp	H 1.S	Arg	Met	ALa	мет	ALa	Рле		Leu	A.I.a	Ala	Cys		
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208			h. e. e.		420					425	~ 4. ~			<i>'</i>	430		1240
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228		Ala	35				-	40					45			
231		G1 ս 50					55					60				
233 234	Ser 65	val	Glu	Ala	Asp	Lys 70	Ala	Ala	Lys	Arg	Ala 75	Val	Val	Val	Gly	Cys 80
236 237	Gly	Glγ	Lys	Phe	P.ro 85	Val	Glu	Asp	Ala	Lys 90	Glu	Glu	Va 1.	Gln	Leu 95	Phe
239 240	Leu	Gly	Asn	Ala 100	Gly	Thr	Ala	Met	Arg 105	Pro	Leu	Thr	Ala	Ala 110	Val	Thr
242 243	Ala	Ala	Gly 115	Gly	Asn	Ala	Thr	Tyr 120	Val	Leu	Asp	Gly	Val 125	Pro	Arg	Met
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257 258	Leu	Gly	Asp 195	Val	Glu	Ile	Glu	11e 200	Tl.e	Asp	Lys	Leu	11e 205	Ser	Ile	Pro
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281 282		Ile	Asp	Val	Asn 325	Met	Asn	Lys	Met	Pro 330	Asp	Val	Ala	Met	Thr 335	Leu
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Input Set : A:\Rpmu5e.app

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VERIFICATION SUMMARY

PATENT APPLICATION: US/08/945,144A

DATE: 11/07/2000 TIME: 11:38:41